

Chapter 7: Right Triangles
Lesson 7-1: Geometric Mean
Classwork

name _____
 date _____
 period ____

For questions 1-5, find the Geometric Mean of the following:

1. 2 and 50

equation

$x =$ _____

2. 50 and 1250

equation

$x =$ _____

3. 5 and 45

equation

$x =$ _____

4. 45 and 405

equation

$x =$ _____

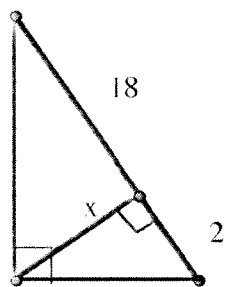
5. 6.4 and 8.8

equation

$x =$ _____

For questions 6- 15, solve for the missing value(s).

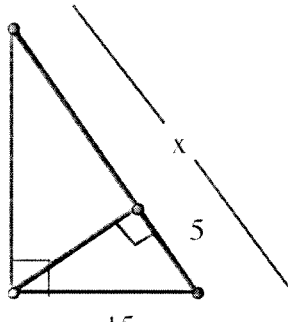
6.



equation

$x =$ _____

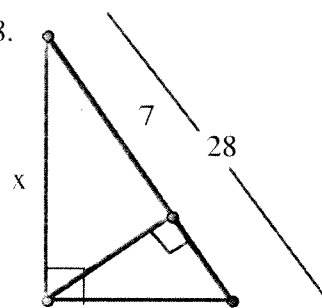
7.



equation

$x =$ _____

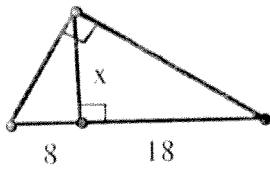
8.



equation

$x =$ _____

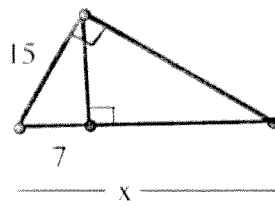
9.



equation

$x =$ _____

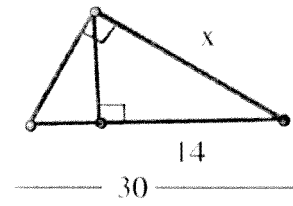
10.



equation

$x =$ _____

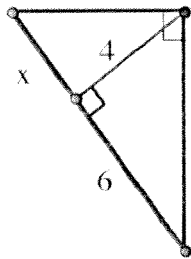
11.



equation

$x =$ _____

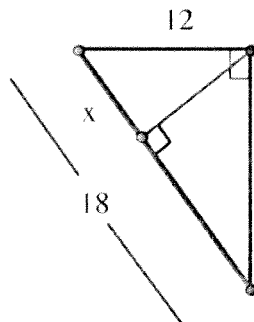
12.



equation

$x =$ _____

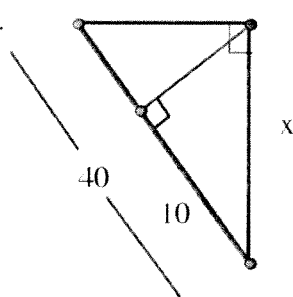
13.



equation

$x =$ _____

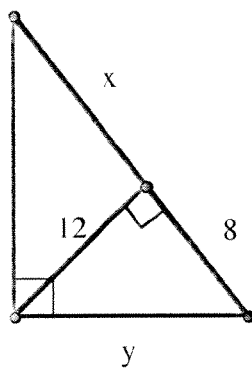
14.



equation

$x =$ _____

15.



equation

$x =$ _____

equation

$y =$ _____